

1995. Central States Field Trip.

May/June 1995

100

Re

11/12/95

ST

Book

meet with
the rest

Please return to:

May 26 - June 14, June R.P. Ross
1995. Dept. of Biology

Book 2
of 2 books

William Weathers
University
Birmingham, VA 25225



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- also ^{some} Nevada ISOS meeting notes -
June, 1995

IPAR.003202

9/1/45 High involvement with management
- 100% 100% 100% 100% 100% 100% 100% 100%
100% 100%



5/26/95

2 B/W photos of same quarry face
 & there is + much shale

Measured at step 1



Rope

Pt Pleasant?

LS ledge 3" to 8" to 12" thick P/W photo

separated by silt/shale 1" thick

with thinner 1" some bands

Some of the thicker ls are

subhorizontal and X bedded with

2-3" ripple marked base

some silty beds are brownish

and disrupted

65'



5/26/95 46 Meyer et al. Stop 2 - May 1995

Summit outcrop of lower ~~Phosphor~~ ~~Phosphor~~

Slabs of laminar sand siltstone and some calcarenite ls with small brachiopods, some bed of small columnar (encrinurids) - sandy siltst with laminate bedding, blocky. Some blue gray siltstone/shale associate with faint calcarenite. Burrows and mounds in all lithos

Shale is gray

Thinly bedded siltstone & clay. H. and L. beds. Some units from calcarenite and some from calcarenite. Some units from calcarenite and some from calcarenite.

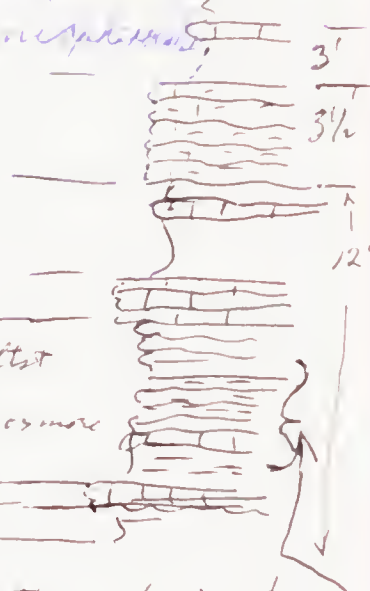
Thickly bedded sandstone and siltstone. Some units from calcarenite and some from calcarenite. Some units from calcarenite and some from calcarenite. Some units from calcarenite and some from calcarenite.

Information from Meyer et al. 1995. H. and L. beds. 1:50000



(47)

Thin bedded, calcareous, fossiliferous
 siltstone, calcareous, laminated
 2"-6" beds, prominent ledge
 Calcareous, fossil, 2"-5" beds
 Calcareous and siltst and sand, heavy siltst
 in 2" to 3" beds, shale makes up 50% or more
 of this interval
 Calcareous 5"
 Silt + thin Calcareous

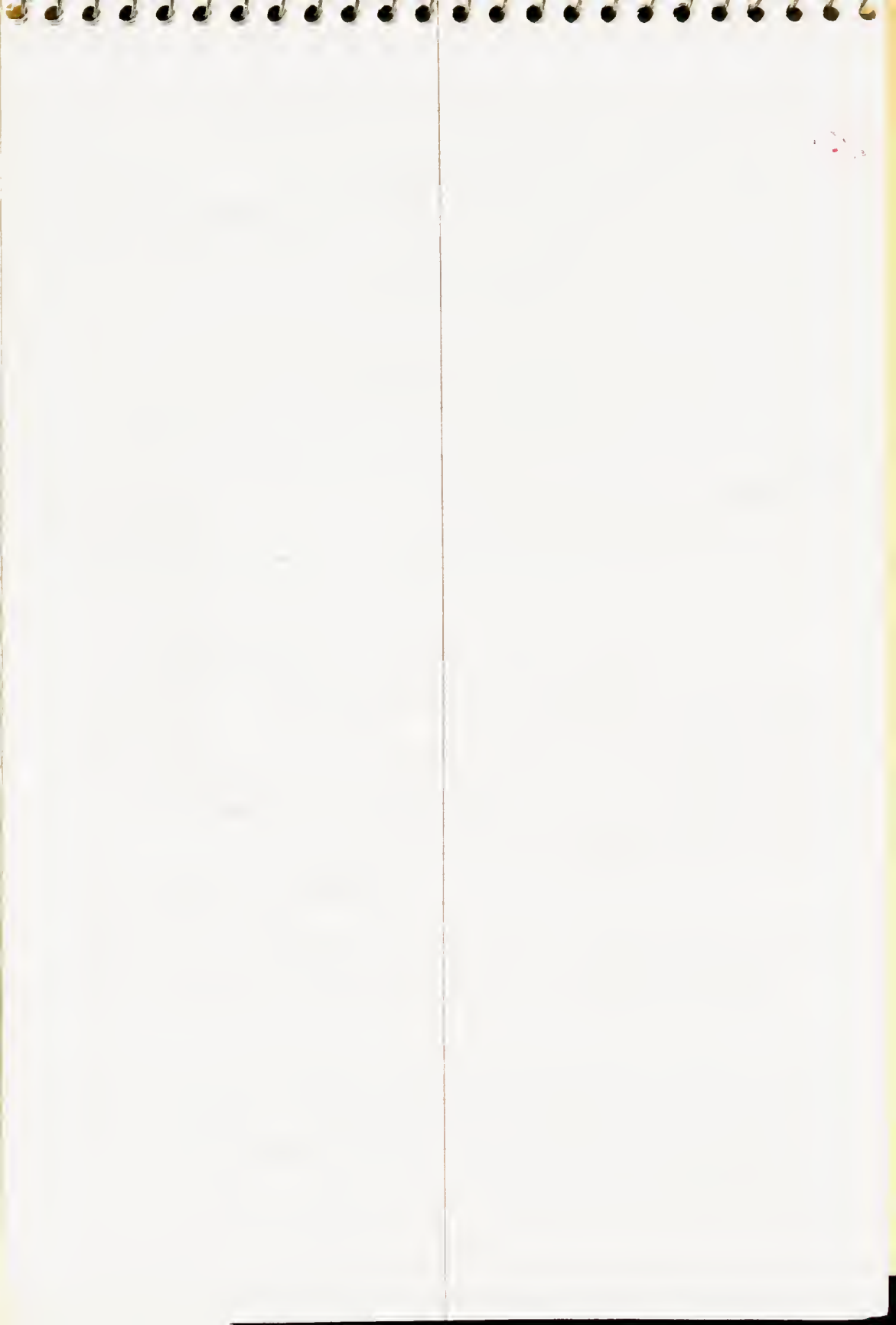


Parting lot

Collection 5/26/45/B

See JH Peck, 1966, USGS Bull 1244B, p. B-4 + B-5
 The locality is in the Bull Run unit at Hughes

This is comparable to the...
 section, the lower...
 units.



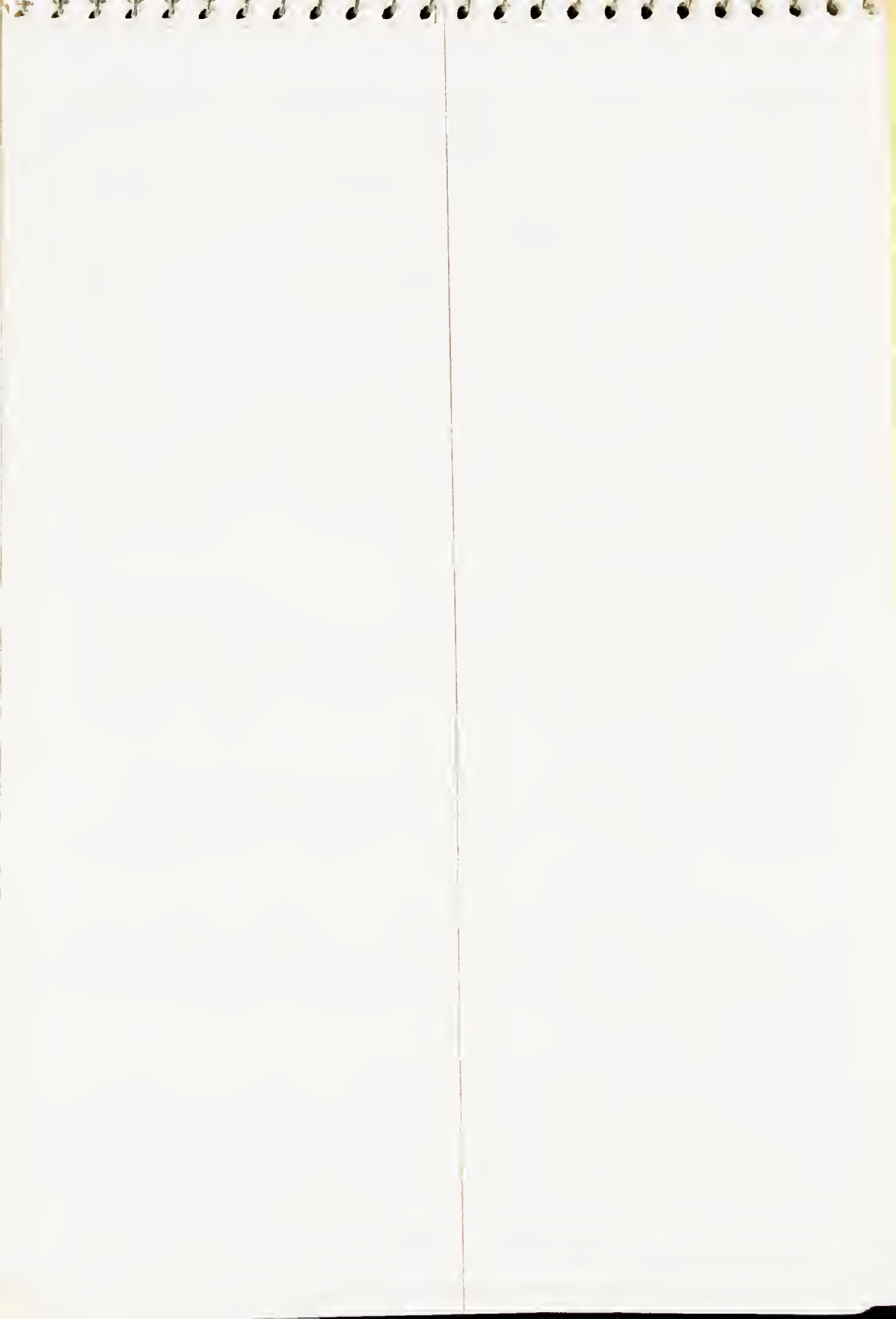
Notes: Some hyperbolic functions
by the use of the right-hand rule
of the logarithmic function
and the problem

Notes of the hyperbolic functions
and the use of the right-hand rule
of the logarithmic function
and the problem

Excellent section on the
intersection of the right-hand rule
and the problem

Notes: The right-hand rule
and the problem

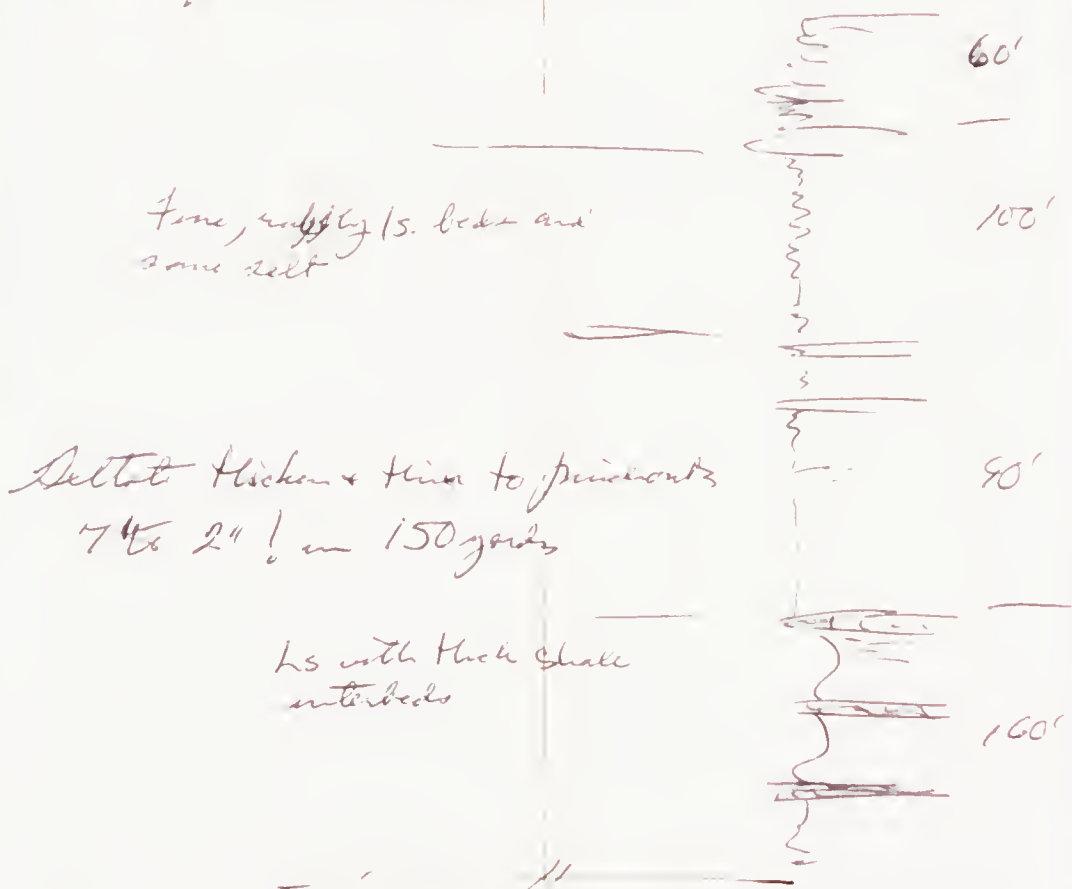
Notes: The right-hand rule
and the problem



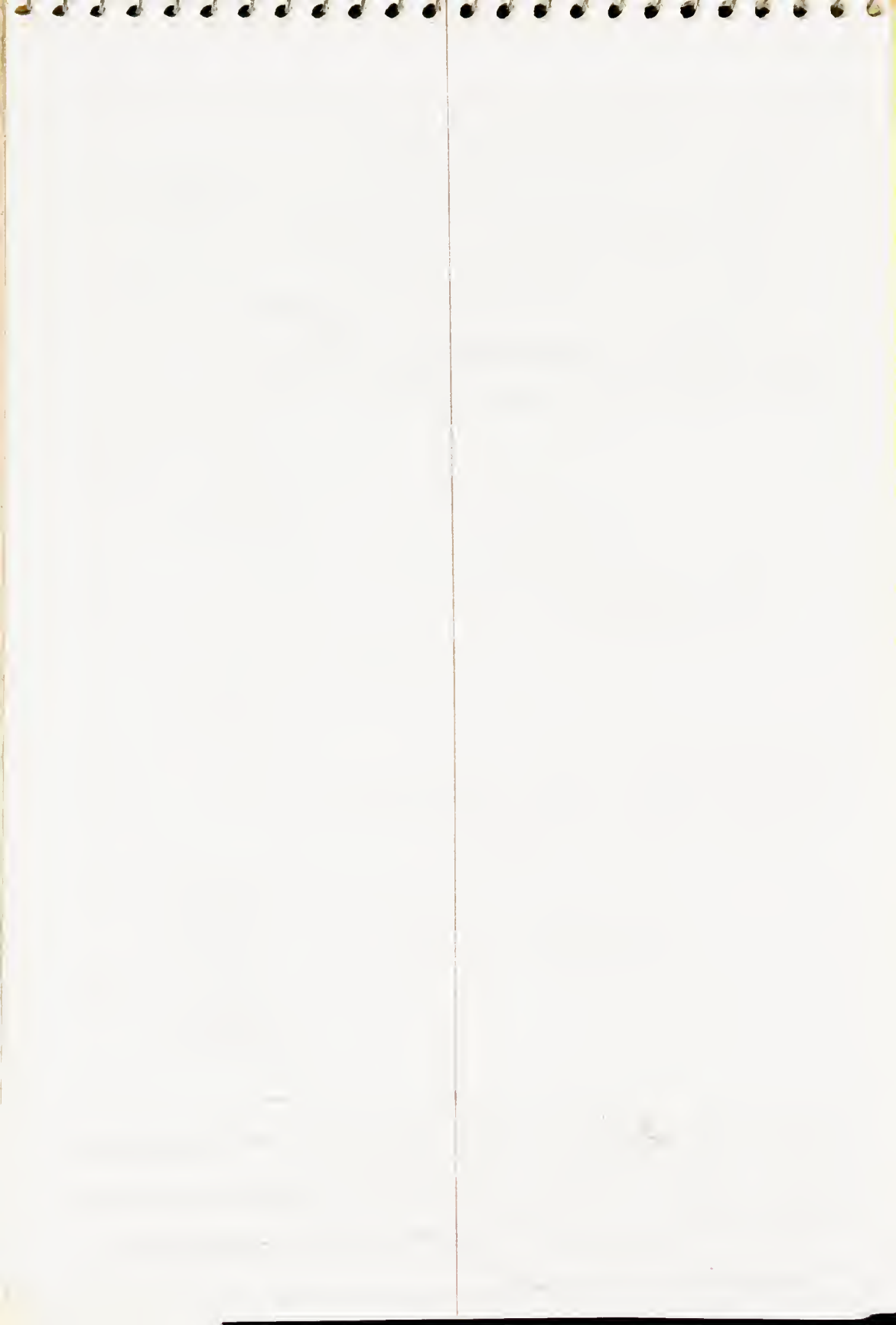
cont. 2. - Kentucky 7 has a series of excell. outcrop. from Mingo to Covington.

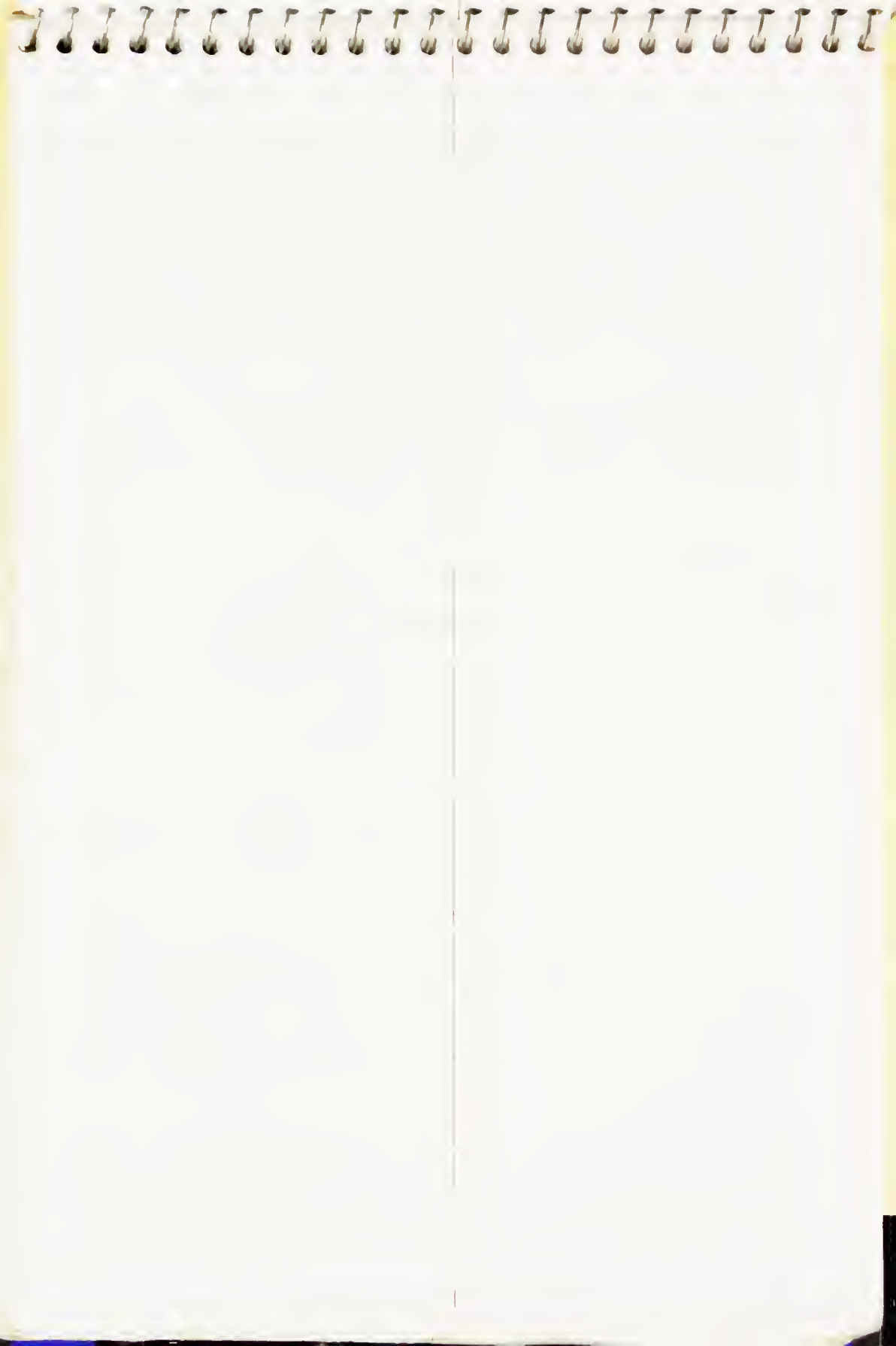
Section across a 'shale' up from Mingo to southeast edge of Covington.

Hope seems to expand (shale) upwards into overlying lower part of Bellvue.
Most of the shale bed's thicken & thin



Drove to Flemingsburg to try to locate a Holland exposure there, but we were unable to locate it; seems to be all grass covered. Perhaps Holland's description of locality is not correct?







(48)

5/27/95 Field Notes (Furness) - some
... ..
... ..
... ..
... ..
... ..
... ..
... ..
... ..
... ..
... ..

Rope has "2m" cycles of ^{fast} sedimentation / calcareous mudstone
Lower 10' of Furness includes some reduction to an ¹ sedimentation
(Diving area NE of road is into a soft bed of clayey sand)
Furness L have ripples 1"-2" high and 2' between crests

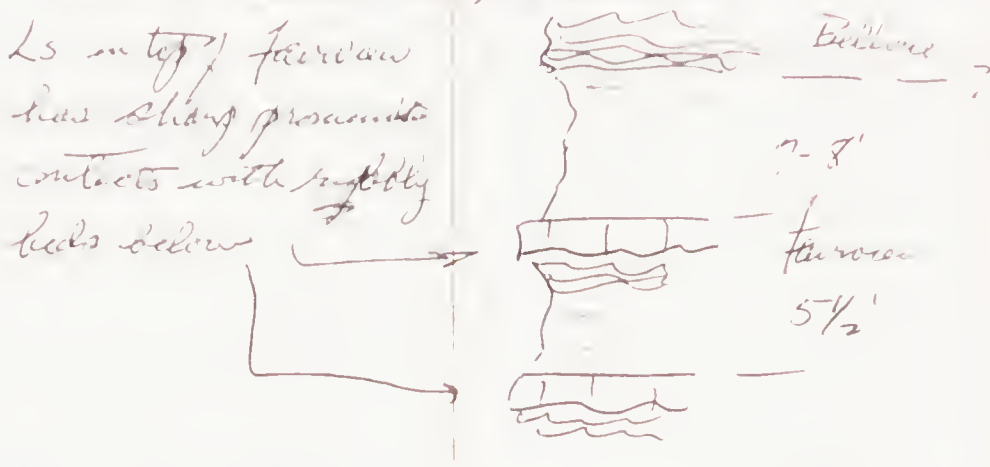
Collection 5/27/95 A - bryozoans from lower part of
Furness I 30' above base of formation.

2 Ph
... ..
... ..
... ..

131

5/27/95 2 B/M photo at top of Ricken (Haden) Hill.
Beaver - then up to bank with a 1' to 1 1/2'
shore (Hidamtown St.) at about 12'

LS on top of fairview
has sharp prominent
contacts with highly
beds below

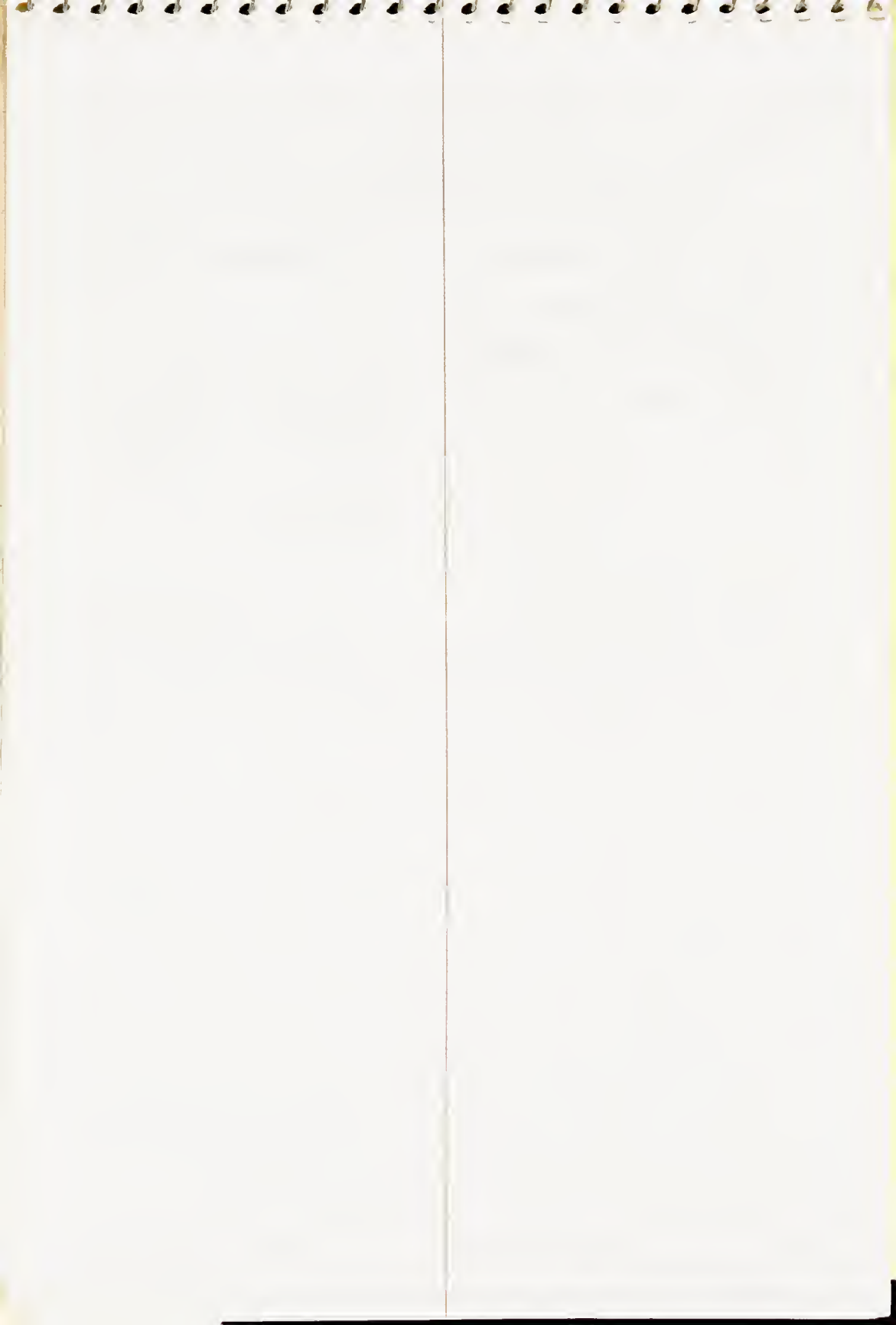


See p. 35 & others

must be

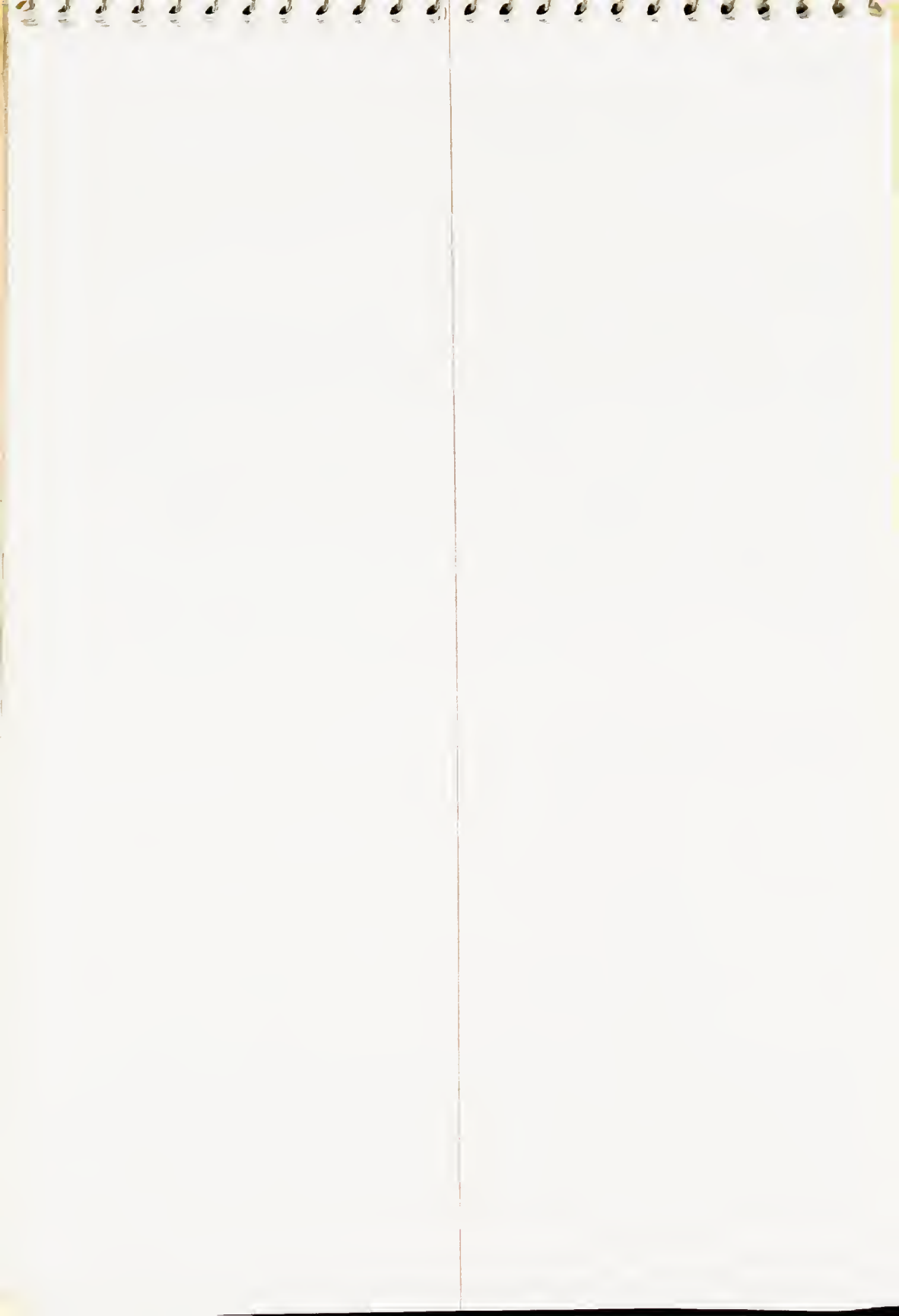
See also Reference in Algebra, Tr. and $2\frac{1}{2} + 3\frac{1}{2}$ gal.

Nathals, B. 1992. GSA Re-Mtg Field Trip. Oct. 25/92.









For the purpose of the survey, the following
information is being collected:
1. Name of the person or organization
2. Address of the person or organization
3. Date of the survey
4. Name of the interviewer

The purpose of the survey is to determine the
effectiveness of the program in the area of
education. The survey will be conducted in the
form of a questionnaire. The questionnaire will
be distributed to the teachers and students of the
school. The questionnaire will be filled out by the
teachers and students. The questionnaire will be
collected and the results will be analyzed. The
results will be used to determine the effectiveness
of the program. The results will be used to
improve the program. The results will be used to
determine the need for further research.

William T. Cox
Director of the Survey
from the University of California

With the purpose of the survey, the following
information is being collected:
1. Name of the person or organization
2. Address of the person or organization
3. Date of the survey
4. Name of the interviewer

not find any unglazed section
around Mt. Forest Hill.

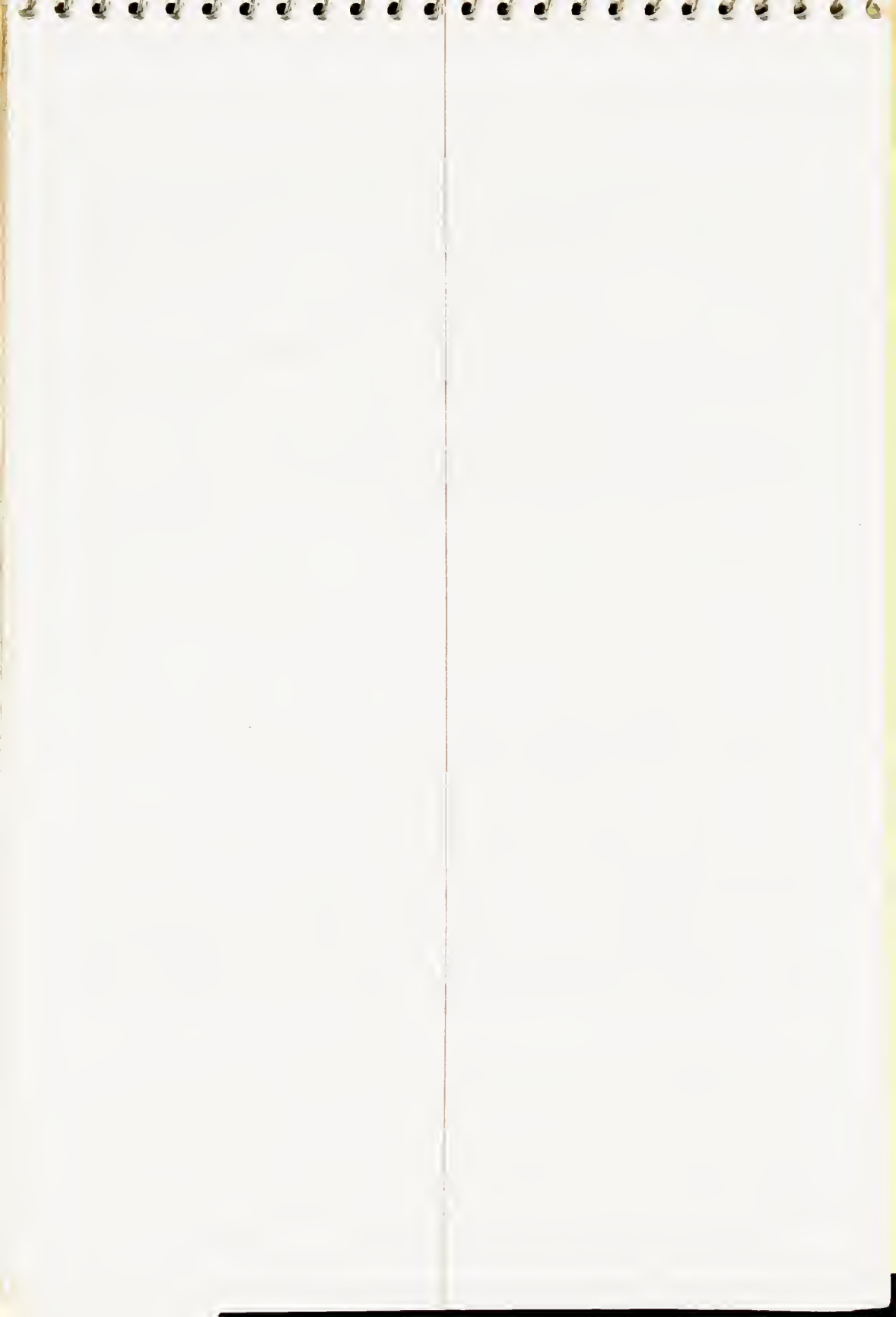
We backtracked on Ind 35e
to R. can't wait Son Ind 101 5 miles
to US 50. Went E on US 50
to El Estero where ^{we} did not find
much exposed.

We backtracked on US 50 to
Maricopa

See 100000

1. The first thing I noticed when I stepped out of the plane was the cold. It was a sharp contrast to the warm, humid air of the tropics. The ground beneath my feet was a mix of soft earth and small stones, and the air smelled of pine and fresh rain.

As I walked towards the small wooden cabin, I saw a few other people, some looking tired and some looking excited. A man in a plaid shirt and jeans was talking to a woman in a floral dress. They both had backpacks slung over their shoulders. I noticed a small dog on a leash nearby, its tail wagging. The cabin was simple, with a wooden door and a small window. I pushed the door open and stepped inside. The interior was dimly lit, with a single lamp hanging from the ceiling. A small table and two chairs were set up in the corner. I took a deep breath, feeling the cool air fill my lungs. It was a strange feeling, being so far from home, but also a sense of adventure. I looked out the window again, watching the man and woman walk away. They were talking and laughing, and I felt a small smile on my face. I was about to turn back when I noticed a small sign on the wall. It was a piece of paper with some writing on it, and I read it carefully. It was a list of names and dates, and I felt a sense of curiosity. I decided to wait a moment before leaving, just to see if anyone else would come in. The door opened again, and a woman in a red dress stepped in. She looked at the sign and then at me. I nodded and she smiled. She was the only person who had stayed in the cabin before me, and she seemed to be enjoying it. I felt a sense of relief, knowing that I was not alone. I took a seat at the table and looked out the window once more. The sun was setting, and the sky was a mix of orange and purple. I felt a sense of peace, and I knew that this was the start of something new.





49

5/31/95/D

Massive weathered siltstone
v. dirty upper 2'

Wavy bedded siltstone

large masses with organic
+ ls. with old siltstone
a few thin beds

Siltstone bed

Siltstone

LS + siltstone

5/31/95-B

4" to 6" beds

Siltstone, dolomite, 2" - 4" vague bedding

LS. ~~ls.~~ very discontinuous

LS, brachiopods, (Tetradium?), clark. 4" - 6"

Transitional interval between siltstone
above and LS + siltstone below

LS + siltstone in upper 3'

LS, v. irregularly bedded, 4" to 6", wavy
stems common, with about equal
amounts of siltstone,

very shaly ⁱⁿ top 6'

Siltstone, greenish gray, brachiopods, wavy, bryozoans

Some burrows, well 20% coarse lamination

2" - 4" ls beds which thicken & thin
in 10m along outcrop

5/31/95-A

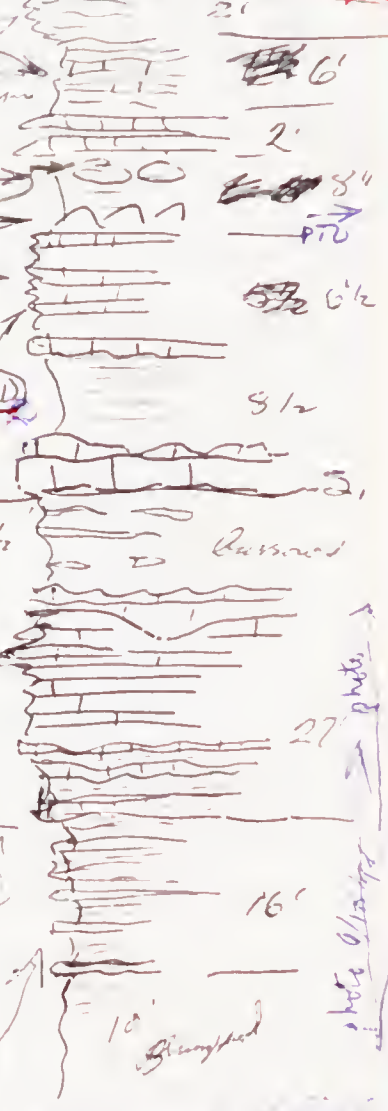
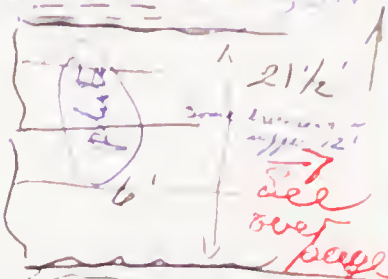


photo change

... and a fine
... of siltstone to ...
... of ...

PTO "A" 2 beds with coral heads "Pocoferratus" lower one is
jumbled up (reworked?) (photo)

Discovered that 2 ^{different} collections were
labelled 5/31/95/H. So, we've labelled
the collections 5/31/95/H, & 5/31/95/Dz
but it is only our "guess" that
the smaller collection came from
higher in the section — thinking
that this collection has the
"Homotrypa" horizon.

But we need to check these
samples.

5/31/95

Section N13

12

Dale massive
residual

Brown Brossfeld

shaly contact

shale beds

Shale, gray silty

9?

19'

3'

4'

2'

2'

3'

2'

9'

5'

5 1/2'

2'

5'

7'

5 1/2'

more silty upper part

Dolost 2'-3' layers + silty
interbeds

Dolost 6" to 15" -

Dolost
with columns, v. silty

~~Hydrated~~ Shale, dk brown to blk,
Crushed, red pyritic lgs
Dale silty, massive

5/31/95/C

phosphate

white fill

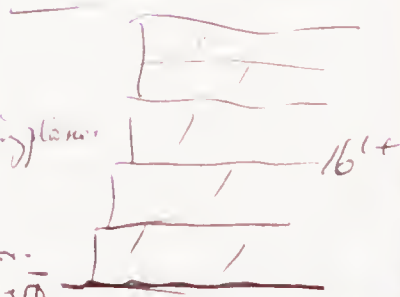
more
layers in
lower part



5/31/95 1 Bed ... 3

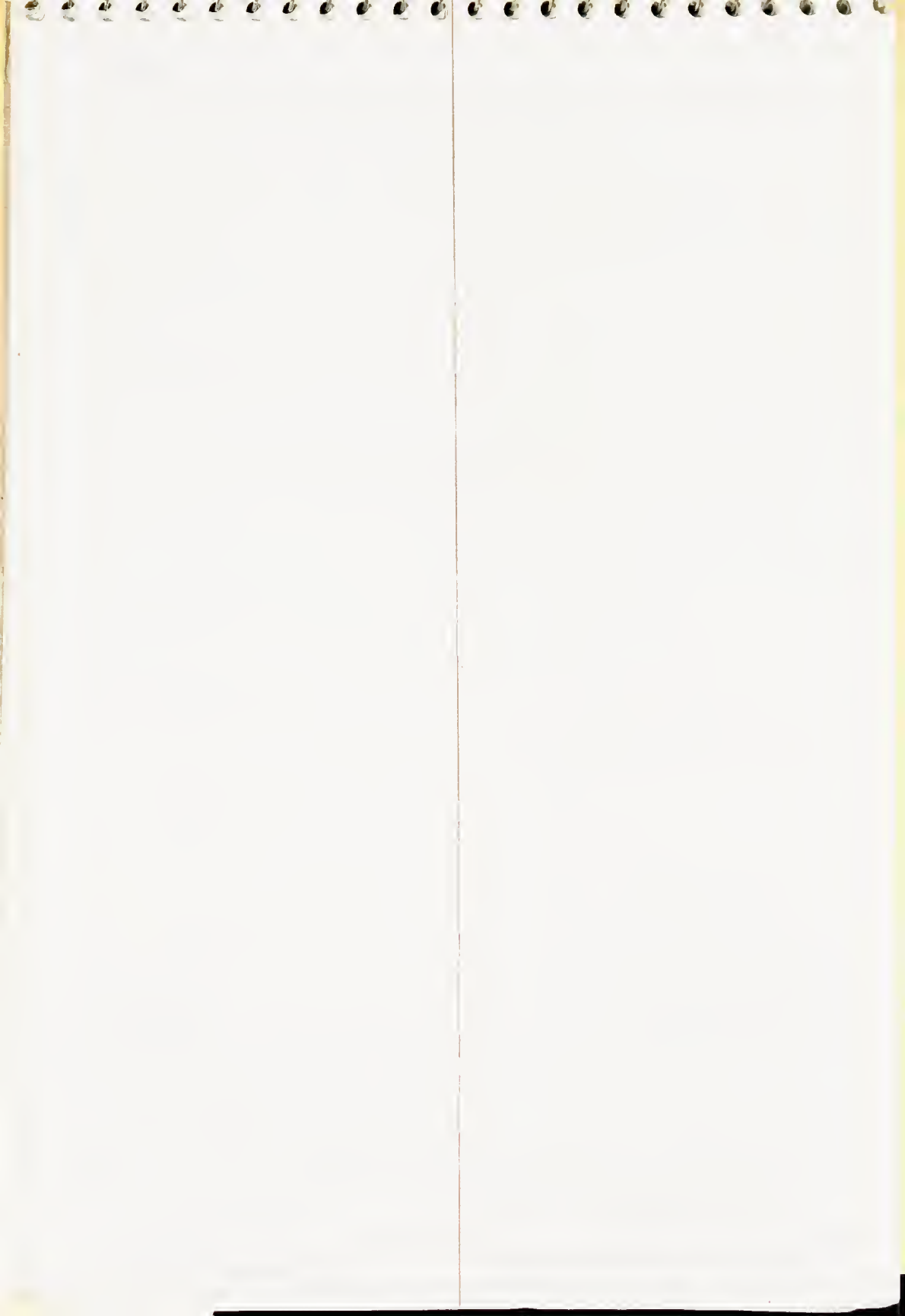
Dip

top 1' bed cut



burrowed, some fossil concentrate bedding planes
 in 1' to 3' beds no large
 dolomite slightly pinkish yellow

↑ 2-50





12-25 24 and 25 are the same (1973)
 (the rest of the 24 and 25 are the same)
 (the rest of the 24 and 25 are the same)

(50)

Λ

35'

Core

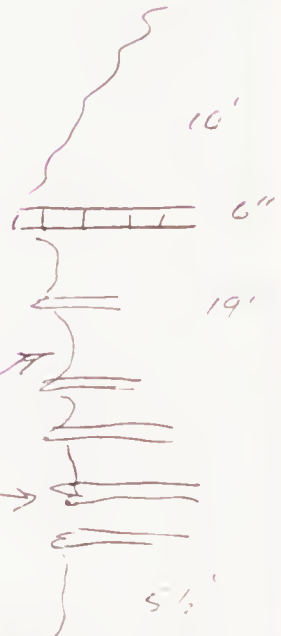
5/31/95 - H

→
 core

One bed of, v.f. calcareous, unfer
 LS + siltstone, w wavy bedding with
 a few (5) LS ridges of beds of 2"-3"

5/31/95 - H

5/31/95 - H



LS, lenticular and cross bedded (photo)

Thin shale/siltstone, 1" beds, v. sandy/silty

5/31/95 G

Calcareous, small ripple bedded



LS/dolo. blocky weathering (Lexington gray?)
 little shale

Bottom of well

Abstract of ...

(plate)



... for ...
+ ...

5/31/94

Bedford

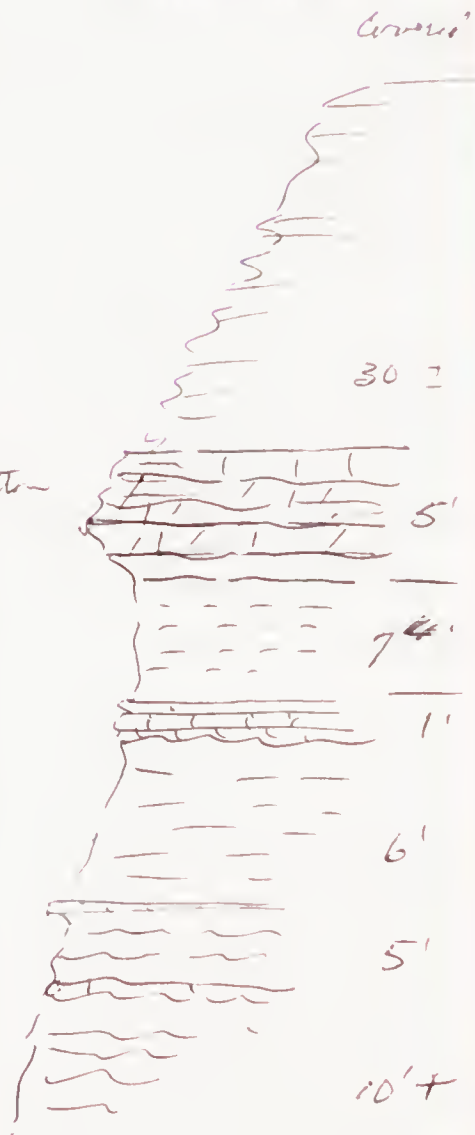
L²

Partly exposed ledges of ls & siltst.

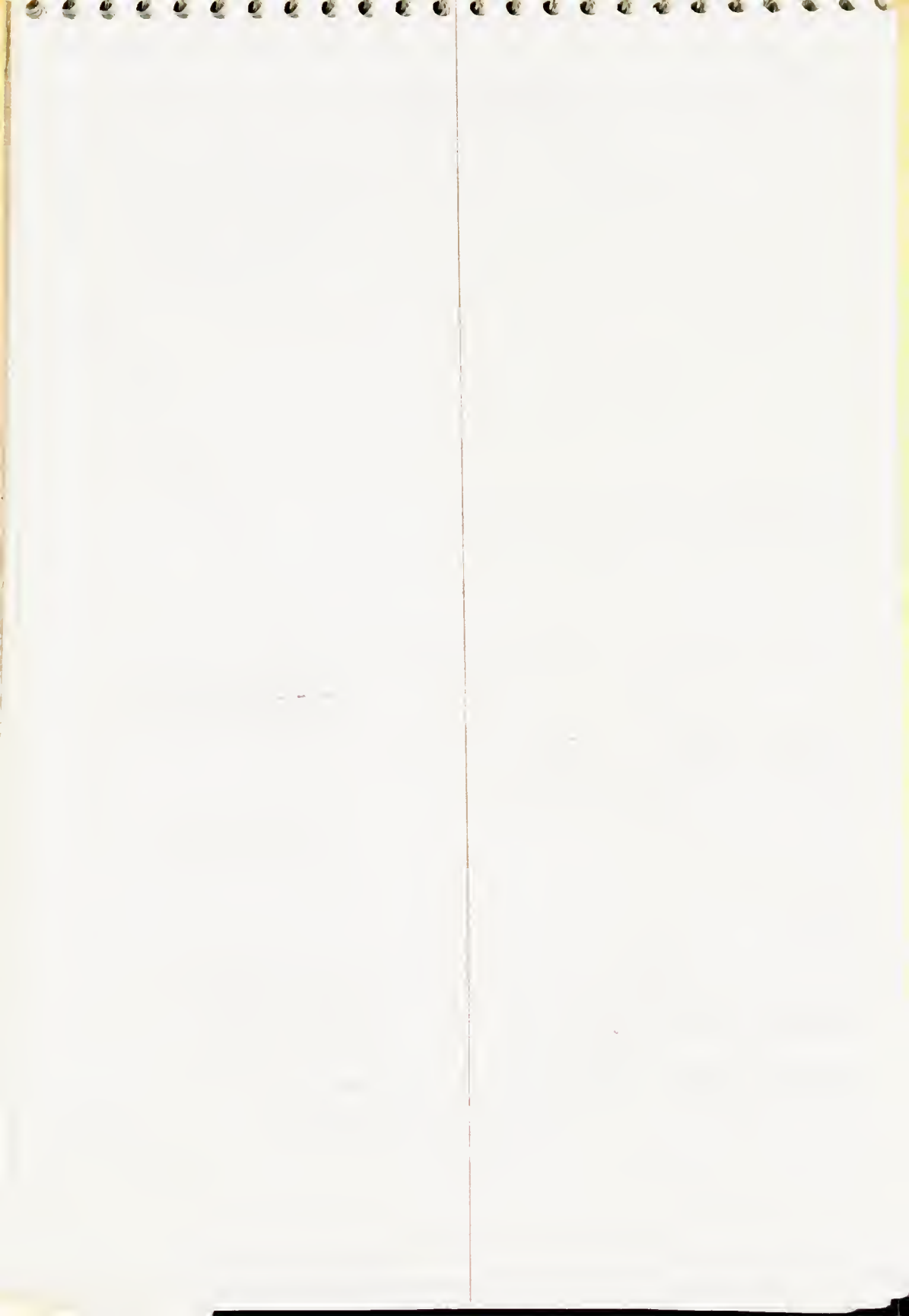
Ls, prominent ledges in 2nd road from bottom

Ls. & siltst²⁺ + blue gray siltstone

Siltst, nodular ls, with a few ls ledges blue gray



covered below
in section above bed



5/31/45

Bridford, Mass. f 3
 on top of 2' hill third road cut

This section includes the thick siltstones of the shales ... & the 'upper' siltstone. Two unconformities at the top part of the siltstone underlying unit toward the east in third outcrop. - Section as then given because it has Lexington at base.

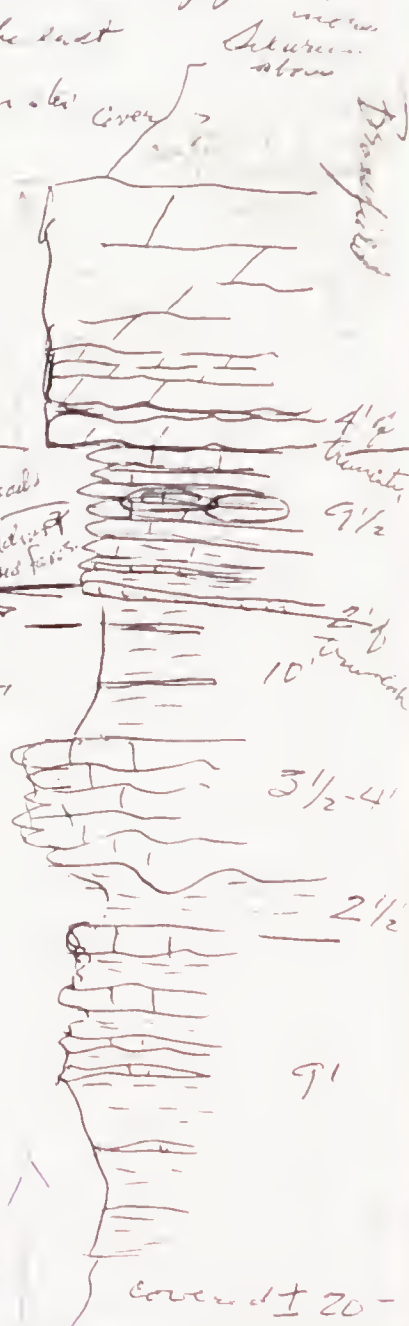
5' seen 11'
 distinct, lower 2' ripple marked with some silty interbeds, upper 8' bedded calcarenites

dark limestone + blk shale with many small 1/4" - 1/2" molds

along contact
 ? Transgressive beds 1 1/2 to 2'

Siltstone, some 1" ls nodules
 base,

Siltst + ls, iron stains



deep-sea - dark - deep sea
 6' section
 0.25' →
 fossiliferous calcareous p/a
 151
 121
 55 300000

glauconitic
 fossiliferous glauconitic

Core 6/17/98-A

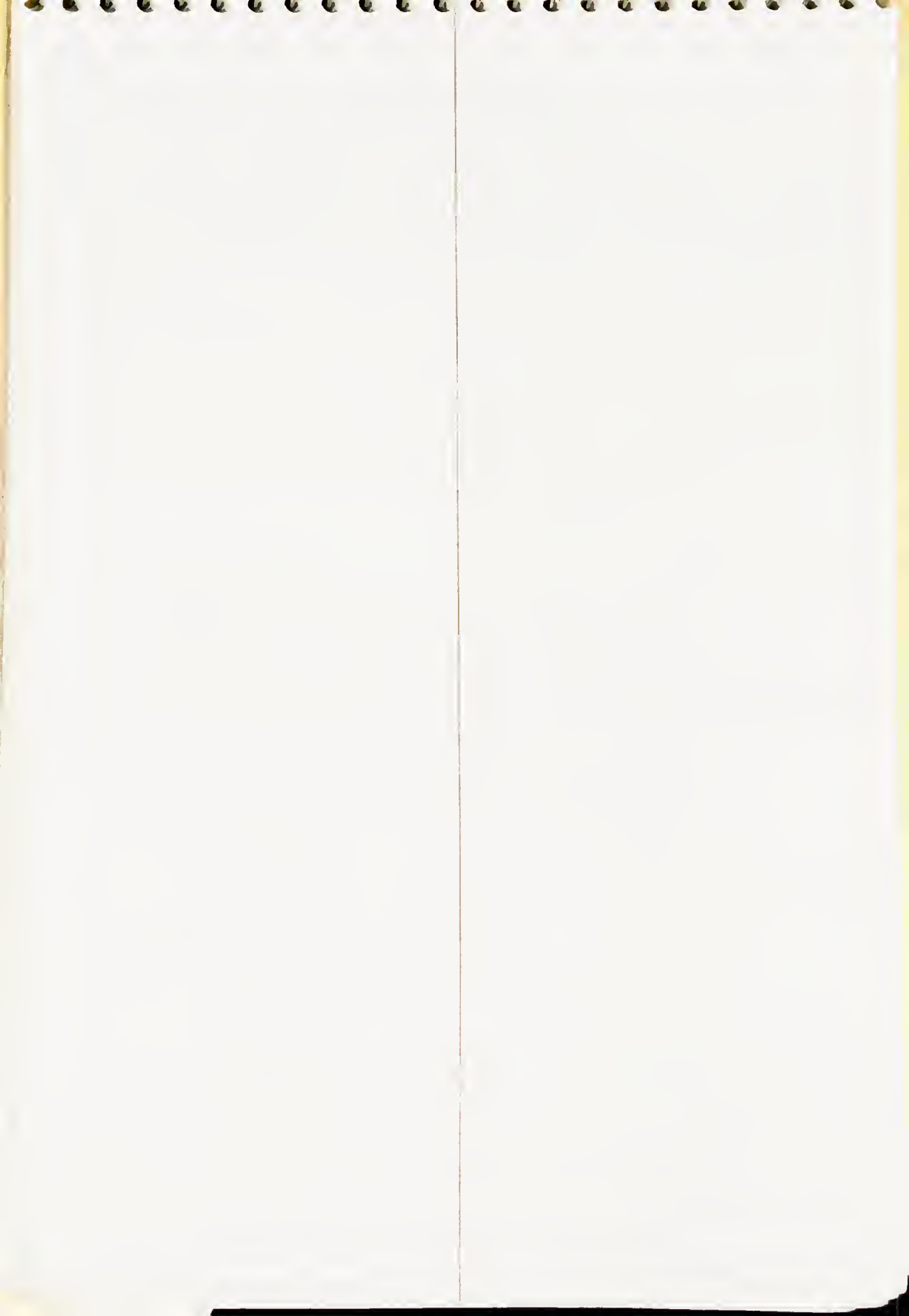


10/20/2019 10:00 AM

10/20/2019 10:00 AM

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1251

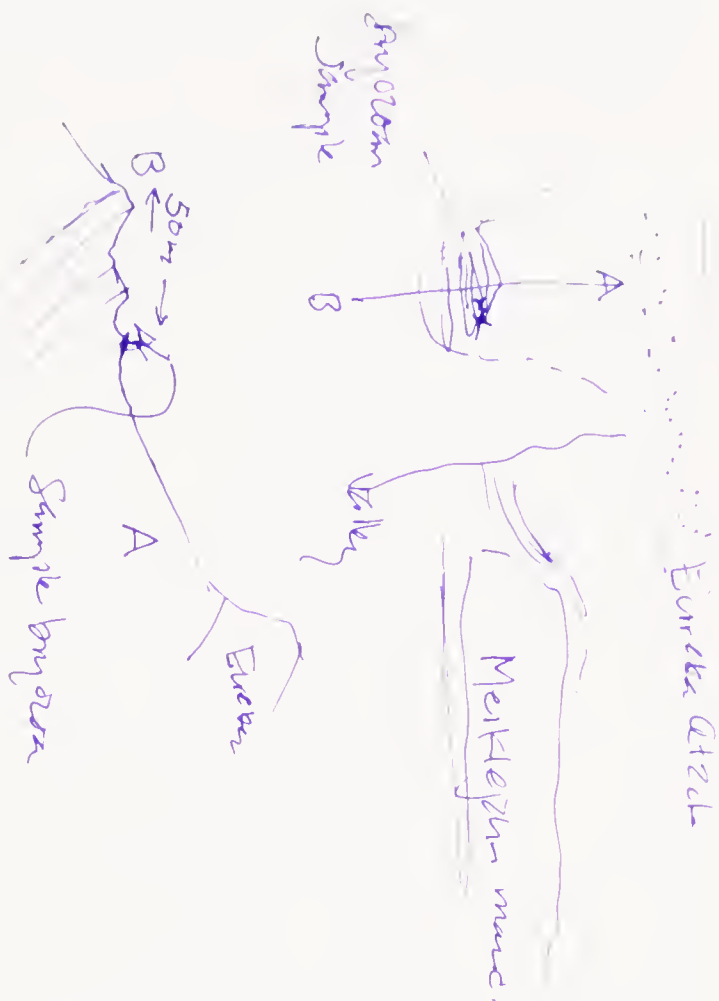
See Guidebook











Red Copper, horizontal line
 Saturday, Oct 10/11
 5/14/12.5/11 - float

1. 100 ft. (recently made).
 100 ft. (recently made).
 2. Mound on West side of road, 100 ft. (recently made).

View from Tower



17. 100 ft.

100 ft. (recently made)
 100 ft. (recently made)
 100 ft. (recently made)

But below just Palaeozoic
 and fossils

FLOTT

Reub R. says there is
 float from the mound

Russell Shapiro III - Santa Barbara



and the other side of the mountain
the other side of the mountain
the other side of the mountain

the other side of the mountain
the other side of the mountain



